Finisar

Features:

- **Low Optical Insertion Loss**
- **Cost-effective CWDM technology**
- **Adds/drops four Wavelengths**
- **SC or LC connectors for interfacing**
- **Reliable passive WDM optical technology**
- **Scales easily for ring networks**
- **Low-profile modular design**
- **Compliance with RoHS**

CWDM OADM-4 Optibox Module

The Finisar OADM-4 optibox module is a passive optical add/drop multiplexer designed for metro access applications that represents the state of the art in fiber optics design. The OADM-4 optibox module adds/drops four wavelength CWDM channels from network traffic and passes the other channels. Finisar's unique CWDM design maps the channel into separate two-fiber paths, going in opposite directions into the network (East/West).

Added/dropped channels are interfaced to any of Finisar's CWDM transceivers on the equipment side. A grid of eight CWDM wavelengths is available from Finisar.

The Finisar OADM-4 optibox module delivers dramatic cost savings to network equipment manufacturers, enabling them to develop metro access systems that are lower in cost, easier to provision and simpler to operate.

OADM-4 Optibox Module

Specifications

Mechanical

Dimensions:
5.5" x 3.2" x 0.5",
139mm x 81mm x 13mm

Connectors:
• SC or LC connectors

Optical

Center Wavelengths:
(2 versions):

OADM-4-1 Optibox
• 1471 nm
• 1511 nm
• 1551 nm
• 1591 nm

OADM-4-2 Optibox
• 1491 nm
• 1531 nm
• 1571 nm
• 1611 nm

Directivity:
≥ 55 dB
Return Loss:
≥ 45 dB
Passband Ripple:
≤ 0.5dB
PDL:
≤ 0.15dB
PMD:
≤ 0.2ps
Environmental:
•Operating 0 to 70°C,
•Relative humidity:
10 to 85%,
non-condensing
•Storage - 40 to 85°C

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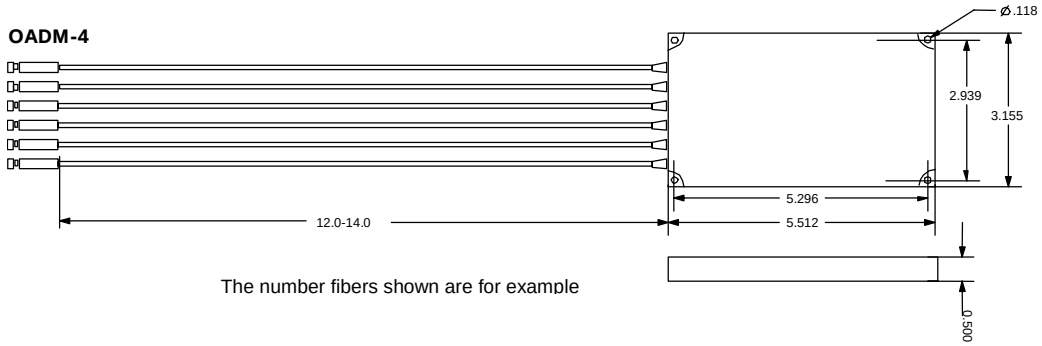
OADM-4 Optibox Module Parameter Specifications

Passband	Max Insertion Loss (dB)			Min Isolation (dB)		
	Add	Drop	Pass	Add	Drop	Pass
+/- 6.5nm	2.30	2.30	2.15	30	50	14

Note: Connector loss included.

Dimensions (Unit: inch)



The number fibers shown are for example

All Measurements are in inches.

Ordering Information

Part Number Description

OADMF-4-1-xx	4 Wavelength Add/Drop (1471nm, 1511nm, 1551nm, 1591nm)
OADMF-4-2-xx	4 Wavelength Add/Drop (1471nm, 1511nm, 1551nm, 1591nm)

XX = LC - LC connectors
SC - SC connectors

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